H. Caslow,

Churn.

No. 104,267. Patented June 14, 1870

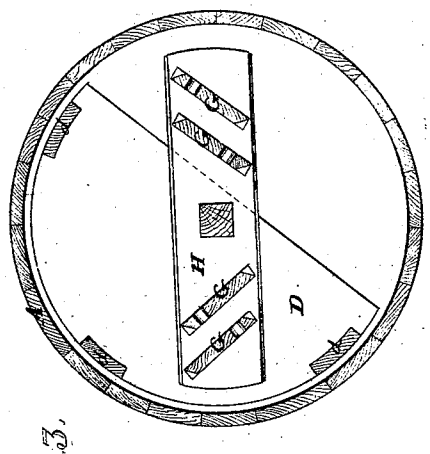

Fig. 3.

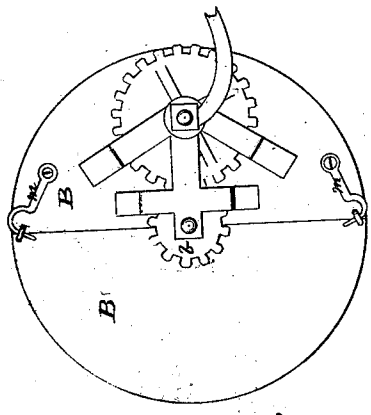

Fig. 2.

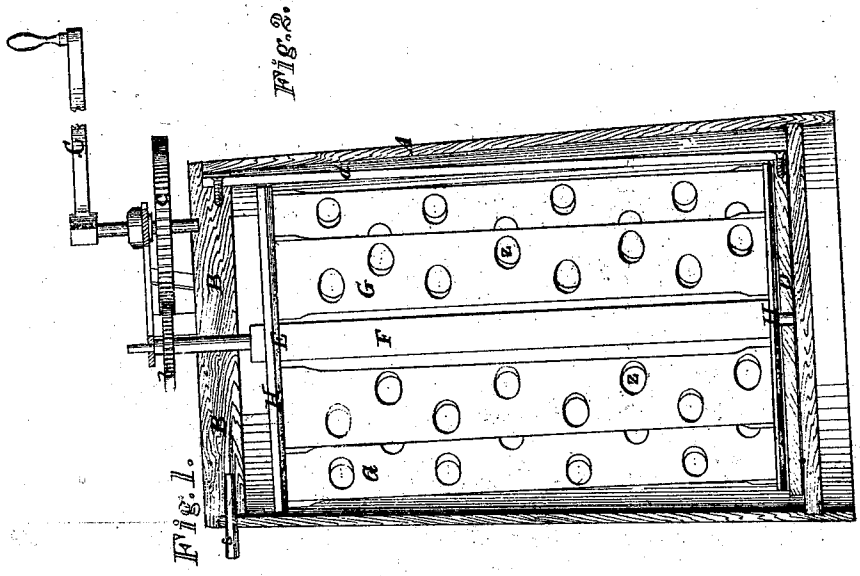

Fig. 1.

Witnesses.
Villette Anderson
Chas Kenyon

Inventor.
H. Caslow
Chipman Thomas & Co
Attorneys.

United States Patent Office.

HENRY CASLOW, OF YORK, ASSIGNOR TO JACOB G. MYERS, OF SIDDONSTOWN, PENNSYLVANIA.

Letters Patent No. 104,267, *dated June* 14, 1870.

IMPROVEMENT IN CHURNS.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that I, HENRY CASLOW, of York, in the county of York and State of Pennsylvania, have invented a new and valuable Improvement in Churns; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1, of the drawing, is a vertical central section of my invention.

Figure 2 is a top view of the same.

Figure 3 is a horizontal section.

My invention relates to churns, and consists in the construction and novel arrangement of the dasher, and the method of securing it to the lifter, and the latter to the churn-top, whereby all the parts are adapted to be easily cleaned.

The letter A, of the drawing, designates the case of my churn.

B B represent semicircular sections forming its top, designed to fit within the mouth of the case, and provided with a flanch extending over the edge thereof.

Between the sections B B passes the upper journal of the shafts of the dasher, provided with a pinion, *b*, and operated by the crank C, through the spur-wheel *c*.

Fastened to the section B of the top, to which the crank is attached, are the perpendicular strips or slats, *d d*, which connect thereto and support the lifting board D, into which the shaft of the dasher is stepped.

E represents the dasher provided with the shaft F, and the vertical paddles G G connecting the upper and lower transverse head-boards H H.

On each side of the shaft the paddles G G are parallel to each other, but they are arranged to incline horizontally toward the paddles of the opposite side. They are provided with the perforations *z z* arranged in a zig-zag direction throughout their length.

Hooks *m m*, pivoted to one of the top sections B B, are adapted to catch in staples fastened to the other, and for further security the loose section may be fastened by means of a pin, *s*, through the wall of the case.

The hooks *m m* having been unfastened, and the pin *s* withdrawn, the top, with lifter and dasher, may be at once drawn up out of the case, which can then be cleaned like any ordinary tub or bucket. As the sections B B will at once separate when removed from the mouth of the case, the dasher may be taken out of the lifter-frame, thereby enabling both to be cleansed separately.

The arrangement of the paddles of the dasher is designed to accelerate the production of the butter by giving diverse currents to the cream. The paddles upon one side of the dasher are adapted to throw the cream toward the wall of the churn-case, while the other paddles serve to throw it toward the center. A still different effect is produced by the perforations.

What I claim as my invention, and desire to secure by Letters Patent, is—

The churn herein described, having sectional top B, lifter H, hooks *m m*, pin *s*, and dasher, provided with the perforated paddles G G horizontally inclined toward each other, when constructed and arranged to operate as and for the purposes herein.

In testimony that I claim the above, I have hereunto subscribed my name in the presence of two witnesses.

HENRY CASLOW.

Witnesses:
DAVID RUPP,
GEO. A. HECKERT.